

**SR 167 Puyallup River Bridge - Bridge Replacement  
RFP Questions and Answers # 2 - July 31, 2013**

Question	RFP Reference	Question	Date Received	Response
1	2.14.4.4	Question - Section 2.14.4.4 states a backwater analysis shall be performed at locations where the Project creates a changed condition in the hydraulic features that convey the 100-year floodplain. What constitutes a changed condition? Is the RFP concept considered a changed condition? Has the backwater analysis and HEC-RAS model been performed for the RFP concept? Can WSDOT make available the HEC-RAS model to be used?	6/27/2013	Answer - The conceptual plan constitutes a "changed condition". A backwater analysis will be required. WSDOT is working with Pierce County to provide the HEC-RES model to all Proposers.
2	BDM 4.2.8	Question - In accordance with WSDOT BDM Section 4.2.8 (see attached), we are requesting to use Earthquake Resisting Element (ERE) #8, In-ground hinging of the shaft for the Liquefied Configuration (BDM Figure 4.2.2-3).	6/27/2013	Answer - This will require an ATC. This will be clarified in Addendum #2.
3	BDM 4.2.8	Question - Also in accordance with WSDOT BDM Section 4.2.8, we are requesting to use a Safety Factor of Mne = 1.0Mp.	6/27/2013	Answer - This will require an ATC. This will be clarified in Addendum #2.
4	General	Question - Is the buried fiber active?	7/1/2013	Answer - Yes, the CenturyLink buried fiber optic cable is active. This fiber will need to be preserved during construction until the new conduit system is in place, and CenteryLink has relocated their facilities to the new conduit.
5	General	Question - Has WSDOT obtained subteranian easements for ground improvements?	7/1/2013	Answer - No. Due to the variety of options available to address the site soil conditions, WSDOT did not acquire subteranian easements. If necessary, WSDOT will acquire subteranian easements for ground improvements.
6	BDM	Question - Would WSDOT consider precast stay-in-place (SIP) panels for bridge	7/1/2013	Answer - No. The Type 1 Deck Protection System is preferred by WSDOT, and has performed best for WSDOT under heavy truck traffic.
7	2.6.4	Question - Would WSDOT allow the use of site specific hazard analysis and ground motions for use for the design of the superstructure, foundations and ground improvement?	7/1/2013	Answer - No. WSDOT will require all Proposers to use code based analysis.
8	BDM	Question - The bridge spans that are over the river are not subject to side impacts from traffic. We are considering placing less interior diaphragms for these spans. Will this be allowed?	7/2/2013	Answer - No. Intermediate diaphragms shall be provided in all prestressed concrete girder bridges, per the WSDOT BDM.
9	2.14.4.5	Question - Section 2.14.4.5 mentions all proposed storm sewer on private property shall be ductile iron. From the proposed drainage plans, there does not appear to be any proposed storm sewers on private property. Is there a known location where there will be proposed storm sewers on private property?	7/3/2013	Answer - The storm sewers on private property (Fred Meyer parking lot) are shown on sheet DR1 within the permanent maintenance easement.

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10	Conceptual Plans - Drainage	Question - Runs 1b and 1c are parallel 18" conveyances. Is there a particular reason why these runs were not combined in the conceptual plans?	7/3/2013	Answer - The dual-outfall concept was a result of the JARPA application process, where the desire was to discharge above Ordinary High Water as much as possible. This was possible if the new storm sewer system for the project area had a separate outfall pipe.
11	2.6.4	Question - The RFP precludes the use of site specific ground motions. Has WSDOT determined that the Design-Builder does not need to address seismic event induced strength loss and volumetric strain of soil greater than 80 feet below the ground surface?	7/15/2013	Answer - The bridge is to be designed with code spectra, however it is understood that a suite of ground motions may need to be developed to provide the Project specific assessment of liquefaction.
12	General	Question - In a recent confidential meeting, WSDOT indicated that they do not plan on distributing the answers to non-confidential questions to all proposers. ITP Section 2.5, RFP ADDENDA AND RESPONSES TO QUESTIONS, states: "WSDOT will provide written responses via e-mail to all Proposers regarding questions received in accordance with this Section, and the questions and answers will also be posted on WSDOT's Contract Ad and Award website at:" Does WSDOT intend on issuing an Addendum to revise ITP Section 2.5 to reflect that WSDOT will not be posting the questions and answers on WSDOT's Contract Ad and Award website?	7/22/2013	Answer - After review of other D-B projects and to maintain continuity, WSDOT is retracting the previous statement regarding not publishing Q&A. WSDOT will work with the three Proposers to determine which questions and responses are appropriate to post on the Ad & Award Project web page.